

Figure 1

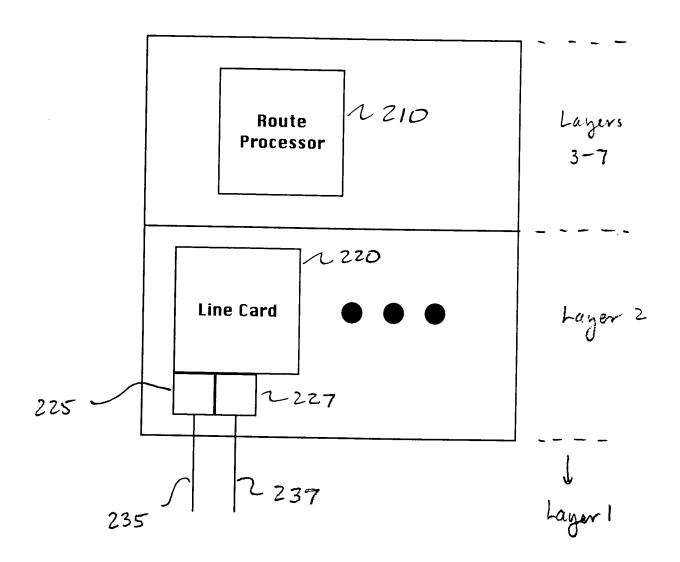


Figure 2

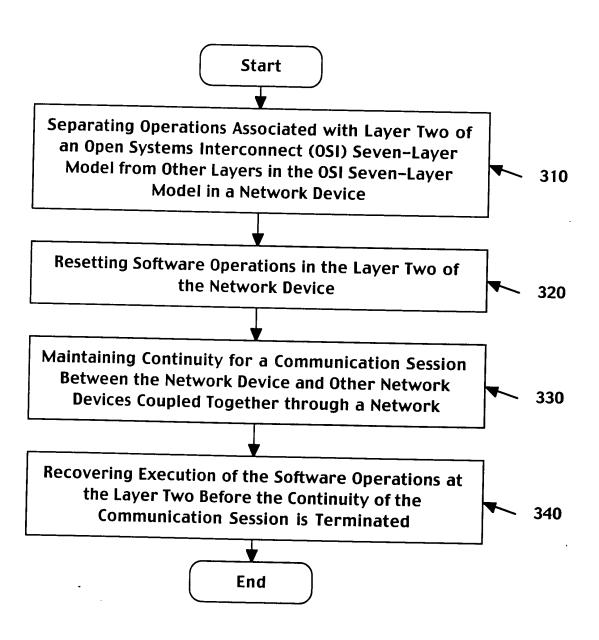
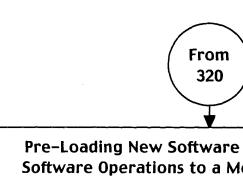


Fig. 3



Pre-Loading New Software Implementing the Software Operations to a Memory Location, as Indicated by Pointer 525 of Figure 5, of the Network Device

Loading a Bootstrap Operation to another Memory Location, as Indicated by the Pointer 535 of Figure 5, of the Network Device, Wherein the Bootstrap Code is for Loading the New Software to a Predetermined Location, as Indicated by Pointer 515 of Figure 5, the Predetermined Location Storing Existing Software Implementing the Software Operations

Performing a Minimal Reset of Hardware
Components Associated with Layer Two to Minimize
Interruptions to an Operating System of the Network
Device During Recovery of the Execution of the
Software Operations in 440

End

Fig. 4

410

420

430

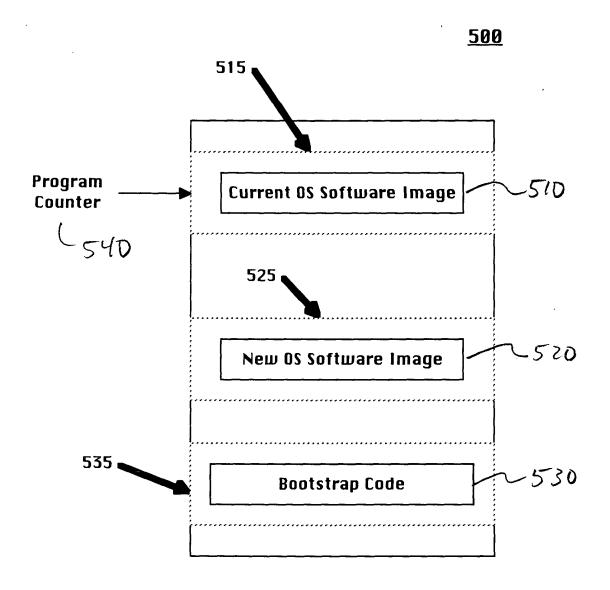


Figure 5

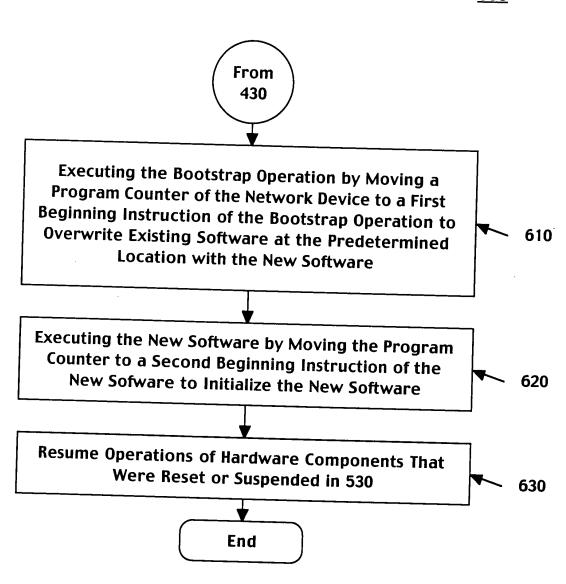


Fig. 6